

Incorrect Display of Possible Errors #250, #251, #253, and/or #257 for Form R chemicals containing Part II, Section 5.3 Data

A number of *TRI-ME* RY2002 validation messages perform mathematical comparisons of Part II, Sections 5 and 6 data with that reported in Part II, Section 8. These validation messages are intended to alert users to possible errors made during the completion of Part II, Section 8. However, under some circumstances, these validation messages erroneously exclude Part II, Section 5.3 data from the mathematical comparisons. Affected validation messages include Possible Errors #250, #251, #253, and #257.

Detailed Description

This problem only occurs for *TRI-ME* RY2002 (Version 3.8.28) users validating a Form R chemical containing one or more Part II, Section 5.3 releases where the "NA" check box has been selected in Section 5.3 Column C (Percent from Stormwater). If this "NA" check box has been selected, *TRI-ME* RY2002 (Version 3.8.28) erroneously excludes the associated Section 5.3 release estimate from the mathematical comparisons.

You can use *TRI-ME* RY2002's Help menu item "About TRI-ME" to check the exact version you are using.

There are two possible outcomes:

- 1) *TRI-ME* RY2002 Validation may display the validation message(s) listed above in cases where it SHOULD NOT be displayed.
- 2) *TRI-ME* RY2002 Validation may NOT display the validation message(s) listed above in cases where it SHOULD be displayed.

Solution

No work-arounds have been identified at this time. Because the faulty validation messages are limited to Possible Errors, you will not be prevented from submitting correct data.

Examples

Ex #1) Data reported by user on Form R for Copper:

Section 5.1: 5 lbs
Section 5.2: 5 lbs
Section 5.3: 5 lbs (% from stormwater = NA)
Sections 5.4.1 through 5.5.4: NA
Section 6.1: 5 lbs
Section 6.2: NA

Section 8.1 Column B: 20 lbs

Because *TRI-ME* RY2002 erroneously ignores Section 5.3 estimates where the percent from stormwater has been set to NA, the sum of Section 5 and 6 release and disposal data calculated by *TRI-ME* RY2002 for this Form R is equal to 15 lbs (the correct sum should be 20 lbs). The user has reported the correct value of 20 lbs in Section 8.1 Column B, however, due to TRI-ME's computational error, Possible Error #253 is displayed:

Possible Error #253: ...The estimate reported in Section 8.1 Column B should be equal to the sum of estimates (or range codes) reported in Section 5, plus the sum of estimates (or range codes) reported in Section 6.1, plus the sum of estimates (or range codes) reported in Section 6.2 associated with disposal. TRI-ME has calculated your anticipated Section 8.1 Column B estimate using the method described above and found it to differ by more than 5% of the value you reported in Section 8.1 Column B...

Ex #2) Data reported by user on Form R for Copper:

Section 5.1: 5 lbs
Section 5.2: 5 lbs
Section 5.3: 205 lbs (% from stormwater = NA)
Sections 5.4.1 through 5.5.4: NA
Section 6.1: 5 lbs
Section 6.2: NA

Section 8.1 Column B: 15 lbs

Because *TRI-ME* erroneously ignores Section 5.3 estimates where the percent from stormwater has been set to NA, the sum of Section 5 and 6 release and disposal data calculated by *TRI-ME* for this Form R is equal to 15 lbs. Because the user has reported 15 lbs in Section 8.1 Column B, Possible Error #253 is NOT displayed. However, the correct value for Section 8.1 Column B in this example is 220 lbs. *TRI-ME* RY2002 should have alerted this user to an error in Section 8.1 Column B.